

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A transmission device comprising:

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to a transmission line; and

a control unit for controlling said encoder unit to change a compression rate thereof and output the stream, when a control signal is received from said transmission line.

2. (Original) A transmission device comprising:

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal; and

an output control unit for receiving the stream output from said encoder unit, said output control unit performing control, when a control signal is received from a transmission line, to output the stream to the transmission line at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit.

3. (Original) A reception device comprising:

a decoder unit for decoding a stream received from a transmission line;

a buffer unit for storing a medium signal decoded and produced by said decoder unit; and

a control unit for monitoring a storage amount of said buffer unit, said control unit outputting a control signal to said transmission line if the storage amount exceeds or falls below a predetermined threshold.

4. (Original) A reception device comprising:

a decoder unit for decoding a stream received from a transmission line;

a monitor unit for monitoring a reception status of said transmission line; and

a control unit for outputting a control signal to said transmission line based on a notification from said monitor unit, if the reception status becomes a predetermined status.

5. (Original) The reception device according to claim 4, wherein, when a wireless status of said transmission line indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the status to said control unit.

6. (Original) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission line;

a buffer unit for storing a medium signal, decoded and produced by said decoder unit;

a first control unit for monitoring a storage amount of said buffer unit, said first control unit outputting a control signal to said transmission line, if the storage amount exceeds or falls below a predetermined threshold;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to said transmission line; and

a second control unit for controlling said encoder unit to change a compression rate thereof and output the stream, when the control signal is received from said transmission line.

7. (Original) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission line;

a buffer unit for storing a medium signal decoded and produced by said decoder unit;

a first control unit for monitoring a storage amount of said buffer unit, said first control unit outputting a control signal to said transmission line, if the storage amount exceeds or falls below a predetermined threshold;

an encoder unit for outputting a stream obtained by receiving and encoding a medium signal; and

a second control unit for receiving the stream output from said encoder unit, said second control unit performing control to output the stream to said transmission line at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit, when the control signal is received from said transmission line.

8. (Original) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission line;

a monitor unit for monitoring a reception status of said transmission line;

a first control unit for outputting a control signal to said transmission line based on a notification from said monitor unit if the reception status becomes a predetermined status;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal, to said transmission line; and

a second control unit for controlling said encoder unit to change a compression rate thereof and output the stream when the control signal is received from said transmission line.

9. (Original) A transmission/reception device comprising:

a decoder unit for decoding a stream received from a transmission line;

a monitor unit for monitoring a reception status of said transmission line;

a first control unit for outputting a control signal to said transmission line based on a notification from said monitor unit if the reception status becomes a predetermined status;

an encoder unit for outputting a stream, obtained by receiving and encoding a medium signal; and

a second control unit for receiving the stream output from said encoder unit, said second control unit performing control to output the stream to said transmission line at a time interval different from a time interval at which the medium signal has been encoded by said encoder unit, when the control signal is received from said transmission line.

10. (Currently Amended) The transmission/reception device according to claim 8 [[or 9]], wherein, when a wireless status of said transmission line indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the status to said first control unit.

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Original) A program causing a computer, which constitutes a transmission device, to execute the processing of:

outputting a stream obtained by receiving and encoding a medium signal, to a transmission line; and

performing control to output the stream by changing a compression rate of the encoding processing when a predetermined control signal is received from said transmission line.

22. (Original) A program causing a computer, which constitutes a transmission device, to execute the processing of:

outputting a stream obtained by receiving and encoding a medium signal; and

when transmitting the stream after encoding, performing output control of stream, on receipt of a predetermined control signal from a transmission line, so that the stream is output to said transmission line at a time interval different from a time interval at which the medium signal has been encoded by the encoding processing.

23. (Original) A program causing a computer, which constitutes a reception device receiving a stream transmitted from a transmission device to a transmission line, to execute the processing of:

decoding a stream received from said transmission line; and
monitoring a storage amount of a buffer unit, in which a decoded medium signal is stored, and outputting a control signal to said transmission line, if the storage amount exceeds or falls below a predetermined threshold.

24. (Original) A program causing a computer, which constitutes a reception device receiving a stream transmitted from a transmission device to a transmission line, to execute the processing of:

decoding a stream received from said transmission line; and
monitoring a reception status of said transmission line and output a control signal to said transmission line, if the reception status becomes a predetermined status.

25. (Original) A transmission device that receives information data, including audios and/or images, as an input, performs encoding processing of the input data, creates distribution data and distributes the distribution data via a wired and/or wireless transmission line, said transmission

device comprising:

means for controlling an output in such a way that, when a predetermined control signal is received from said transmission line, a compression rate of the encoding processing is changed or the distribution data is output at a time interval different from a time interval at which the input data has been encoded by the encoding processing.

26. (Original) A reception device comprising means for receiving and decoding the distribution data distributed from the transmission device according to claim 25 to said transmission line, said reception device further comprising means for monitoring a status of a storage amount of a storage device in which the received data is stored or a status of reception from said transmission line and, based on the monitor result, transmitting the control signal to said transmission device via said transmission line.

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (New) The transmission/reception device according to claim 9, wherein, when a wireless status of said transmission line indicates a handover from a current wireless area to an adjacent area, said monitor unit notifies the status to said first control unit.